

# STAGE PAR 64 –1W/36 USER MANUAL

## Technical specifications:

### DMX LED PAR 64-1W/36

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Power supply:                         | AC110V.-240V. 50Hz / 60Hz           |
| Power consumption:                    | 50W                                 |
| LED quantity:                         | 36x1W (R12, G12, B12)               |
| Wave length of RED LED:               | 623nm                               |
| Wave length of GREEN LED:             | 525nm                               |
| Wave length of BLUE LED:              | 470nm                               |
| DMX control:                          | 6CH / 4CH                           |
| DMX connection:                       | 3-pin-XLR                           |
| Beam angle:                           | 15 degree                           |
| Field angle:                          | 40 degree                           |
| Foot candles                          | 1378 (15 degree), 386 (30degree)    |
| Lux                                   | 14793 (15 degree), 4133 (30 degree) |
| Fuse:                                 | F1A for 120V / F2A for 250V.        |
| Max. ambient temperature:             | 45degree                            |
| Max. housing temperature:             | 55degree                            |
| Min. distance from flammable surface: | 0.5m                                |
| Min. distance from lighted object:    | 0.1m                                |
| Dimension (L x W x H)                 | 310 x 270 x 300mm                   |
| Weight:                               | 3kgs                                |
|                                       |                                     |

## Item features:

This is the newest series of 1W RGB DMX LED PAR LIGHT which with LED digital display for the most convenient operation.

### *Static Color Mode:*

Press MODE button and UP & DOWN to select one of the 7 desired colors:

1. Red, 2. Green 3. Blue, 4. Purple, 5. Yellow, 6. Cyan, 7. White

### *Color Changing Mode:*

Press MODE button into Jump mode, then the fixture will run in color jump changing.

Press UP & DOWN to select the jump speed from 01-99 steps.

### ***Color Fading Mode:***

Press MODE button into Fading mode, then the fixture will run in color fading effect.

Press UP & DOWN to select the fading speed from 01-99 steps.

### ***Auto Running Mode:***

Press MODE button into Auto mode, then the fixture will run in automatically. The running speed can be preset via the speed of Color Changing Mode & Color Fading Mode.

### ***Sound Active Mode:***

Press MODE button into Sound controlling mode, then the fixture will run via the sound.

Press UP & DOWN to adjust the sound sensitivity levels.

### ***Master / Slave Mode:***

Link the units and press MODE button of the Slave units to SLA mode. Then the slave units will follow running in accordance with the Master unit.

### ***DMX Controlling Mode:***

This unit has two DMX modes for options:

**4CH Mode (red “dot” LED on) & 6CH Mode (red “dot” LED off)**

#### 4CH Mode

| CHANNEL | VALUE   | FUNCTION        |
|---------|---------|-----------------|
| CH1     | 000-255 | RED (0-100%)    |
| CH2     | 000-255 | GREEN (0-100%)  |
| CH3     | 000-255 | BLUE (0-100%)   |
| CH4     | 000-255 | DIMMER (0-100%) |

#### 6CH Mode

| CHANNEL | VALUE   | FUNCTION                                           |
|---------|---------|----------------------------------------------------|
| CH1     | 000-255 | RED (0-100%)                                       |
| CH2     | 000-255 | GREEN (0-100%)                                     |
| CH3     | 000-255 | BLUE (0-100%)                                      |
| CH4     | 0-255   | DIMMER (0-100%)                                    |
| CH5     | 0-16    | No function                                        |
|         | 17-255  | Strobe/Speed Adjusting/Sound Sensitivity Adjusting |
| CH6     | 0-31    | No function                                        |
|         | 32-95   | Color mixing                                       |
|         | 96-159  | RGB color change                                   |
|         | 160-223 | 7 color change                                     |
|         | 224-255 | Sound activation                                   |

**\*Detailed instructions on matching up of using each channel\*:**

- 1) CH1 / CH2 /CH3 for R/G/B color, they can match up with CH 5 for strobe effect.
- 2) When CH6 is not using, CH4&CH5 match using. CH1/CH2/CH3 will not work.
- 3) When the value of CH6 is between 32-223, match using with CH5 for speed adjusting for Color mixing or Color changing.
- 4) When the value of CH6 is between 224-255, match using with CH5 for Sound sensitivity adjusting.